



# WHEAT QUALITY

## Kansas Agricultural Statistics

Cooperating with the Kansas Department of Agriculture

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SPECIAL PRESS RELEASE

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## TEST WEIGHT AND PROTEIN UP FROM LAST YEAR

Preliminary data from 10,169 carlot samples from 47 counties showed an average test weight of 61.4 pounds per bushel, according to Kansas Agricultural Statistics and the Kansas Grain Inspection Service Inc. For comparison purposes, last year's crop averaged 61.0 pounds, while the 10-year average from 1999-2008 is 60.3 pounds per bushel.

Protein averaged 12.0 percent, up from 11.6 percent for 2009 but down from 12.3 percent for the 10-year average. Moisture content averaged 11.2 percent, the same as last year but down from 11.5 percent for the 10-year average.

Samples of wheat grading No. 1, at 89 percent, were down 1 point from the 90 percent last year. Ten percent graded No. 2, compared to 9 percent in 2009. Only 1 percent graded No. 3 or below. Wheat samples averaged 0.3 percent damaged kernels, compared with 0.4 for both 2009 and the 10-year average. Samples tested had 0.1 percent foreign material on average, the same as both 2009 and the 10-year average. Shrunken and broken kernels averaged 1.1 percent, compared with 1.2 in 2009 and 1.3 for the 10-year average. Total defects averaged 1.5 percent, compared with 1.7 in 2009 and 1.8 for the 10-year average. Average dockage for all samples is 0.5 percent, the same percentage as last year.

There were 6,054 samples voluntarily submitted for inspection in the 2010 crop year. The test weight for these samples averaged 61.1 pounds per bushel, 12.3 percent protein, and 11.3 percent moisture. These submitted samples graded No. 1, 75 percent; No. 2, 21 percent; and 4 percent other grades.

This is the only wheat quality release to be made during the 2010 wheat harvest. Test weight, protein content, grade and defect determinations are made by the Kansas Grain Inspection Service Inc. The data are summarized by Kansas Agricultural Statistics. Collection and publication services are funded by the Kansas Wheat Commission.

**Wheat Quality Data, 2009-2010 and 10-year Average**

District & Year <sup>1</sup>	Samples Tested <sup>2</sup>	Test Weight	Protein <sup>3</sup>	Moisture	Grade			Defects				Average Dockage All Samples	
					1	2	All Other Grades	Damaged Kernels (Total)	Foreign Material	Shrunken & Broken Kernels	Total <sup>4</sup>		
					Percent of Samples	Percent of Samples	Percent of Samples	Average Percent	Average Percent	Average Percent	Average Percent		Percent
<b>Northwest</b>													
2010	1,818	61.5	11.6	11.5	95	5	0	0.3	0.0	1.1	1.4	0.6	
2009	2,096	61.0	11.6	12.1	90	9	1	0.3	0.0	0.8	1.1	0.5	
1999-2008 AVG		59.7	12.9	11.0				0.3	0.0	1.5	1.8		
<b>West Central</b>													
2010	770	62.2	11.8	11.3	99	1	0	0.0	0.0	1.1	1.1	0.5	
2009	1,277	61.9	11.7	11.0	98	2	0	0.1	0.0	1.2	1.4	0.5	
1999-2008 AVG		60.3	12.4	11.2				0.4	0.0	1.5	1.9		
<b>Southwest</b>													
2010	2,839	62.0	12.5	10.7	91	9	0	0.1	0.0	1.1	1.2	0.5	
2009	2,111	61.0	12.3	10.7	96	4	0	0.2	0.0	1.6	1.9	0.6	
1999-2008 AVG		60.6	12.8	11.1				0.3	0.0	1.4	1.7		
<b>North Central</b>													
2010	885	60.6	11.9	11.4	83	17	0	0.5	0.1	1.2	1.7	0.4	
2009	1,993	61.7	11.7	11.6	97	3	0	0.3	0.1	1.2	1.5	0.4	
1999-2008 AVG		60.5	12.3	11.7				0.3	0.1	1.2	1.6		
<b>Central</b>													
2010	1,401	61.7	12.1	11.3	91	9	0	0.3	0.1	1.0	1.3	0.5	
2009	2,182	61.4	11.5	10.9	88	12	0	0.2	0.1	1.2	1.5	0.5	
1999-2008 AVG		60.5	12.1	11.9				0.4	0.1	1.3	1.7		
<b>South Central</b>													
2010	2,235	61.0	12.1	11.2	78	16	6	0.4	0.2	1.0	1.6	0.4	
2009	1,646	60.5	11.6	10.9	75	23	2	0.4	0.2	1.4	1.9	0.5	
1999-2008 AVG		60.3	11.9	11.8				0.4	0.2	1.3	1.9		
<b>Northeast</b>													
2010	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0.0	
2009	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0.0	
1999-2008 AVG		0.0	0.0	0.0				0.0	0.0	0.0	0.0		
<b>East Central</b>													
2010	45	60.5	11.1	11.4	76	20	4	0.4	0.1	1.2	1.6	0.8	
2009	43	60.0	11.5	11.7	47	44	9	1.5	0.2	1.2	2.8	0.6	
1999-2008 AVG		60.3	11.2	12.1				0.8	0.1	1.0	1.9		
<b>Southeast</b>													
2010	176	58.2	12.4	12.2	21	23	56	1.5	0.1	1.3	2.9	0.8	
2009	234	57.5	10.9	11.3	0	25	75	2.8	0.1	1.5	4.4	0.6	
1999-2008 AVG		59.0	11.2	12.4				1.0	0.1	1.1	2.2		
<b>STATE</b>													
2010	10,169	61.4	12.0	11.2	89	10	1	0.3	0.1	1.1	1.5	0.5	
2009	11,582	61.0	11.6	11.2	90	9	1	0.4	0.1	1.2	1.7	0.5	
1999-2008 AVG		60.3	12.3	11.5				0.4	0.1	1.3	1.8		

<sup>1</sup> 2010 includes samples from June 15, 2010 – August 19, 2010. 2009 includes samples from June 15 – August 20, 2009.

<sup>2</sup> Samples tested represent data from inspection certificates of railroad cars (truckloads are converted to carlot equivalents). Summarized data include old crop and new crop wheat moving from first point of sale and inspected by the Kansas Grain Inspection Service, Inc.

<sup>3</sup> Protein content is on a 12% moisture basis.

<sup>4</sup> Total defects may not sum due to rounding.